

# भारत का राजपत्र The Gazette of India

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No. 37]

NEW DELHI, SATURDAY, SEPTEMBER 16, 1995 (BHADRA 25, 1917)

इस भाग में निम्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके  
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

## भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएँ और नोटिस  
(Notifications and Notices Issued by the Patent Office relating to Patents and Designs)

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PATENTS AND DESIGNS

Calcutta, the 16th September 1995

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एकसूत्र तथा अभिकल्प

कलकत्ता, दिनांक 16 सितम्बर 1995

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ता में अवस्थित है तथा बम्बई, दिल्ली एवं मद्रास में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं :—

पेटेंट कार्यालय शाखा, टोडी इस्टेट,  
सीसरा तल, लोअर परेले (पश्चिम),  
बम्बई-400013 ।

गुजरात, महाराष्ट्र तथा मध्य प्रदेश राज्य  
क्षेत्र एवं संघ शासित क्षेत्र गोवा, दमन तथा  
दीव एवं दादरा और नगर हवेली ।

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय शाखा,  
एकक सं. 401 से 405, सीसरा तल,  
नगरपालिका बाजार भवन,  
सरस्वती मार्ग, करोम बाग,  
नई दिल्ली-110005 ।

हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर,  
पंजाब, राजस्थान तथा उत्तर प्रदेश राज्य क्षेत्रों  
एवं संघ शासित क्षेत्र चंडीगढ़ तथा दिल्ली ।

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय शाखा,  
61, बालाजाह रोड,  
मद्रास-600002 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु राज्य  
क्षेत्र एवं संघ शासित क्षेत्र पाण्डिचेरी, लक्षद्वीप,  
मिनिक्काय तथा एरिनिविव द्वीप ।

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय (प्रधान कार्यालय),  
नियाम पैलेस, द्वितीय बहुस्तरीय कार्यालय,  
भवन 5, 6 तथा 7वां तल,  
234/4, आचार्य जगदीश बोस रोड,  
कलकत्ता-700020 ।

भारत का अवशेष क्षेत्र ।

तार पता—“पेटेंटस”

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में कचे-  
रिज सभी आवेदन-पत्र, सूचनाएं, विवरण या अन्य प्रलेख पेटेंट  
कार्यालय के केंद्रल उपयुक्त कार्यालय में ही प्राप्त किए जाएंगे ।

नोट :—शर्कों की अदायगी या तो नकद की जाएगी अथवा  
उपयुक्त कार्यालय में नियंत्रक को भुगतान योग्य धनादेश अथवा  
ड्राफ्ट आदेश या जहां उपयुक्त कार्यालय अवस्थित है उस स्थान  
को अनुमति बैंक से निर्गमक को भुगतान योग्य बैंक ड्राफ्ट  
अथवा बैंक द्वारा की जा सकती है ।

#### ALTERATION OF DATE UNDER SECTION 16

175827  
(625/Cal/92) antedated to 14-06-89.

175828  
(29/Cal/93) antedated to 08-02-89.

175829  
(58/Cal/93) antedated to 26-11-91.

175830  
(123/Cal/93) antedated to 11-08-89.

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#### स्वीकृत सम्पूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि सम्बन्ध आवेदनों में से किसी-एक पेटेंट अनुदान का विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अधिक ऐसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत विहित प्रपत्र 14 पर आवेदित एक महीने की अवधि में अधिक न होने के अन्तर्गत भी नियंत्रक, एकसूत्र

हो उपयुक्त कार्यालय में ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध संबंधी लिखित वक्तव्य, उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथाविहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

“प्रत्येक विनिर्देश के संबंध में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अंतरराष्ट्रीय वर्गीकरण के अनुरूप है।”

रूपांकन (चित्र आरेखों) की फोटो प्रतियां यदि कोई हो, के साथ विनिर्देशों की टंकित अथवा फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता अथवा उपयुक्त शाखा कार्यालय द्वारा विहित लिप्यान्तरण प्रभार जिसे उक्त कार्यालय से पत्र-व्यवहार द्वारा सुनिश्चित करने के उपरान्त उसकी अदायगी पर की जा सकती है। विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित चित्र आरेख कागजों में जोड़कर उसे 2 से गुणा करके; (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 2/- रु. है) छोटों लिप्यान्तरण प्रभार का परिचालन किया जा सकता है।

Cl.: 147 E

175821

Int. Cl.<sup>4</sup>: G 11 B 23/32.

#### A LONGITUDINAL MAGNETIC TAPE RECORDING SYSTEM.

Applicant: N.V. PHILIPS' GLOEILAMPENFABRIEK, AT GROENEWOUDSEWEG 1, EINDHOVEN, THE NETHERLANDS.

Inventor: NORBERT CHRISTIAN VOLLMANN.

Application No. 490/Cal/90 filed on 12th June 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

#### 6 Claims

A longitudinal magnetic tape recording system comprising an apparatus and a magnetic-tape cassette in which the cassette comprises a housing formed with a magnetic-head opening, a magnetic tape (3) arranged in the housing, a part of said tape extending across the magnetic-head opening, and a resilient element provided with cassette tape guides (34, 35), which element, viewed from the exterior of the housing, is situated behind the magnetic tape at the location of the magnetic-head opening and which cassette tape guides comprise guide surfaces to guide the tape at the side of the tape which is facing the inside of the housing, in which the magnetic-tape apparatus comprises tape-transport means for transport of the magnetic tape in a longitudinal direction, magnetic-head means (4) having a head (5) face (26) for cooperation with the magnetic tape in an operational situation, and apparatus tape guides (6, 7) which, viewed in the direction of tape transport are situated upstream and downstream of the magnetic-head means, characterized in that between the cassette tape guides an opening is formed which is large enough to receive the head face of the magnetic-head means of the apparatus, and that in the operational situation the apparatus tape guides and cassette tape guides are so disposed that their surfaces for guiding the magnetic tape lies substantially on a straight line passing through the head face of

the magnetic-head means to ensure thereby an improved contact between the said head face and tape, and reduced azimuth and transmission errors in the system.

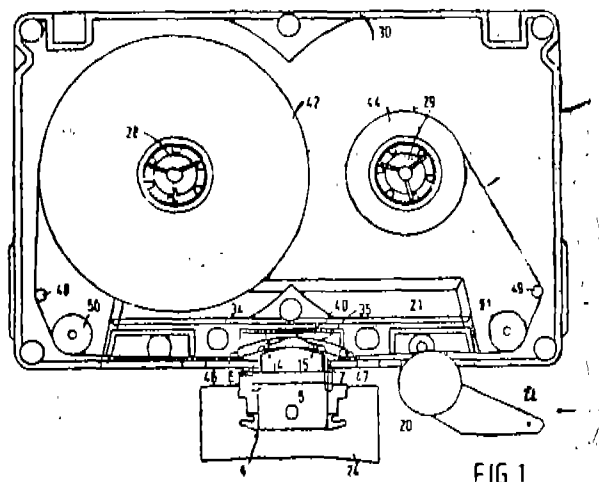


FIG 1

(Compl. Specn. 12 pages;

Drgns. 6 sheets)

Cl.: 32 B

175822

Int. Cl.<sup>4</sup>: C 07 C 1/00, 2/00, 4/00, 5/00, 6/00,

#### PROCESS OF PRODUCING ALPHA-OLEFINS BY DEHYDRATION OF FATTY ALCOHOLS.

Applicant: METALLGESELLSCHAFT AKTIENGESELLSCHAFT, OF REUTERWEG 14, D-6000, FRANKFURT AM MAIN, WEST GERMANY.

Inventors:

- (1) THEODOR VOESTE.
- (2) HENNING BUCHOLD.

Application No. 592/Cal/89 filed on 24th July 1989.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

#### 7 Claims

A process of producing alpha-olefins by dehydration of fatty alcohols in the vapor phase on an  $Al_2O_3$  catalyst having no basic additives, characterized in that 20 to 300 ppm ammonia are added to the fatty alcohols before they are dehydrated, the fatty alcohols to be dehydrated have 4 to 20 carbon atoms per molecule, and the dehydration is carried out under a sub-atmospheric pressure not in excess of 0.5 bar at temperatures in the range from 280 to 330°C on an alumina catalyst which contains at least 99.8% gamma-alumina.

(Compl. Specn. 11 pages;

Drgns. Nil)

Cl.: 64 B1

175823

Int. Cl.<sup>4</sup>: H 01 R 4/00.

#### WIRE CONNECTOR FOR CABLE WIRES IN PARTICULAR OF TELECOMMUNICATION CABLES.

Applicant: KRONE AKTIENGESELLSCHAFT, OF BEESKOWDAMM 3-11, D-1000 BERLIN 37, WEST GERMANY.

Inventors:

- (1) DIETER GERKE.
- (2) MANFRED MULLER.

Application No. 729/Cal/90 filed on 22nd August 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

### 5 Claims

A wire connector for cable wires in particular of telecommunication cables, comprising a lower housing section, with at least two parallel guide channels for the cable wires, said guide channels, being separated by crosspieces, cutting/clamping contacts inserted into the guide channels, an upper housing section with crosspieces for pressing the cable wires into the cutting/clamping contact elements of the lower housing section and snap-fit elements for latching the housing sections,

characterised in that both housing sections (2, 2') are constructed identically, and are adapted to be snap-fitted with each other after being rotated by 180° relative to each other;

that said crosspieces (6, 7) forming the press-in-sections, that said snap-fit elements are formed of the longer and shorter side walls (4, 5) of the housing sections (2, 2') extending parallel to the guide channels (8, 9) and

that on the inner side of, and between the longer side wall (4) and the first press-in section (6) is provided a receiving groove (11) for the other shorter side wall (5) of the housing sections, 2, 2'.



Fig-1

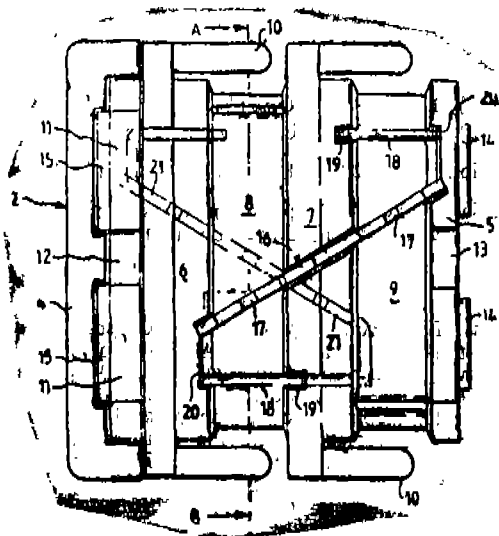


Fig-2.

(Compl. Specn. 9 pages;

Drgns. 2 sheets)

Cl.: 32 A1

175824

Int. Cl.4: C 09 B 31/08.

A PROCESS FOR THE PREPARATION OF AZO COMPOUNDS, SUITABLE AS DYESTUFFS.

Applicant: HOECHST AKTIENGESellschaft D-6230 FRANKFURT AM MAIN 80, FEDERAL REPUBLIC OF GERMANY.

Inventors:

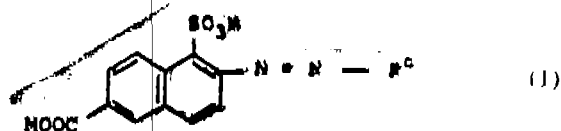
- (1) HARTMUT SPRINGER.
- (2) KURT HUSSONG.

Application No. 991/Cal/1990, filed on 22nd November 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

### 16 Claims

A process for preparing an azo compound conforming to the formula (1).



where:

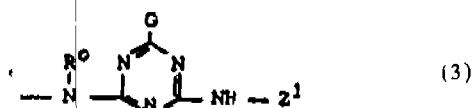
M is hydrogen or asalt-forming metal atom, preferably an alkali metal atom,

R<sup>0</sup> is a radical of the formula (2A)



where:

Z is a radical of the formula (3).

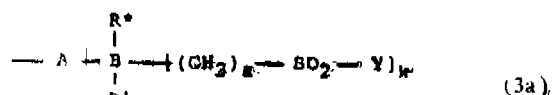


where:

R<sup>0</sup> is hydrogen or alkyl of 1 to 4 carbon atoms or is alkyl of 1 to 4 carbon atoms which is substituted by sulfo, carboxy, sulfato, phosphato, hydroxy, methoxy, ethoxy, phenyl mono-sulphophenyl or disulphophenyl;

G is halogen, methoxy, hydroxy or a situated or unsubstituted anilino radical in which one of the substituents may also be a fiber-reactive group, and

Z<sup>1</sup> is a radical of the formula (3a) or (3b)



where:

A is a direct bond, alkylene of 2 to 6 carbon atoms, or phenylene which may be substituted by 1 or 2 substituents, selected from the group consisting of methyl, ethyl, methoxy, ethoxy, chlorine, sulfo and carboxy,

B is a benzene or naphthalene radical,

R<sup>0</sup> is hydrogen, alkyl of 1 to 4 carbon atoms, alkoxy of 1 to 4 carbon atoms, fluorine, bromine, chlorine, sulfo, carboxy, carbalkoxy of 2 to 5 carbon atoms, trifluoromethyl, carbamoyl or N(-C, -alkyl) carbamoyl, if B is a benzene ring, or hydrogen or sulfo if B is a naphthalene ring,

R<sup>0</sup> is hydrogen, alkyl of 1 to 4 carbon atoms, alkoxy of 1 to 4 carbon atoms, chlorine, nitro or sulfo, if B is a benzene ring, or hydrogen or sulfo if B is a naphthalene radical,

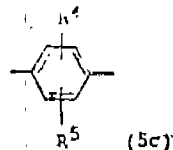
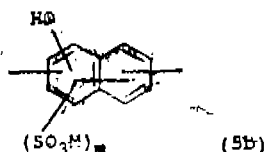
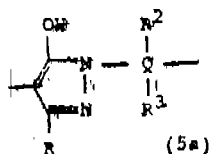
Y is vinyl or an alkyl group which contains in the β-position a substituent which is eliminable under alkaline conditions to leave a vinyl group,

alk is alkylamino of 2 to 6 carbon atoms, preferably, n. 3-propylene,

a is zero, 1 or 2, and

b is 1 or 2,

E is a radical of the formula (5a), (5b), (5c) or (5d).



where:

R is hydrogen, alkyl of 1 to 4 carbon atoms, cyano, carboxy, carbalkoxy of 2 to 5 carbon atoms, carbamoyl or phenyl,

Q is a benzene or naphthalene radical,

R<sup>a</sup> is hydrogen, alkyl of 1 to 4 carbon atoms, alkoxy of 1 to 4 carbon atoms, fluorine, bromine, chlorine, sulfo, carboxy, carbalkoxy of 2 to 5 carbon atoms, trifluoromethyl, carbamyl or N-(C<sub>1</sub>-C<sub>4</sub>-alkyl)-carbamoyl, if Q is a benzene ring, or hydrogen or sulfo if Q is a naphthalene ring,

R<sup>b</sup> is hydrogen, alkyl of 1 to 4 carbon atoms, alkoxy of 1 to 4 carbon atoms, chlorine or sulfo if Q is a benzene radical, or hydrogen or sulfo if Q is a naphthalene radical,

R<sup>c</sup> is hydrogen, alkyl of 1 to 4 carbon atoms, alkoxy of 1 to 4 carbon atoms, bromine, chlorine, trifluoromethyl, sulfo, carboxy or cyano,

R<sup>d</sup> is hydrogen, alkyl of 1 to 4 carbon atoms, alkoxy of 1 to 4 carbon atoms, chlorine, amino, alkylamino of 1 to 4 carbon atoms, alkanoylamino of 2 to 5 atoms, benzoylamino, ureido, N'-phenylureido, N'-C<sub>1</sub>-C<sub>4</sub>-alkyl-ureido, phenyl-sulfonyl or alkylsulfonyl of 1 to 4 carbon atoms,

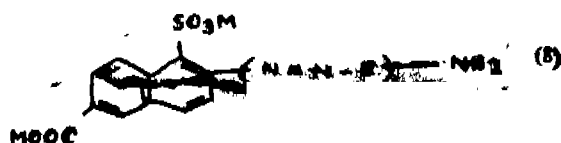
R<sup>e</sup> is hydrogen or sulfo,

M is as defined above,

m is 1 or 2,

v is zero or 1, and

K is the equivalent radical of a water-soluble coupling component suitable in the dyestuff art, which comprises coupling the diazonium compound of an amine of the general formula (6)



where M, E and v are each as defined above, with a compound of the general formula R-R'-N(R''-Z) where R, R' and Z are each as defined above, at a pH of between 1 to 7.5 and at a temperature between 0 and 30°C.

(Compl. Specn. 40 pages;

Draws. Nil)

Cl: 15Z E

1758251

Int. Cl.: C 08 J/5/04

HEAT-SHRINKABLE ENVELOPE AND A PROCESS FOR MANUFACTURING THE SAME.

Applicant: BXS SCHRIJNTECHNIK-GARNEFABRIK GMBH OF PROFIUS 4, 5800 HAGEN 1, GERMANY.

Inventors:

(1) HANS-JUERGEN MELTSCH.

(2) UWE BRUDERMANN.

Application No. 1053/Cal/1990; filed on 24th December 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

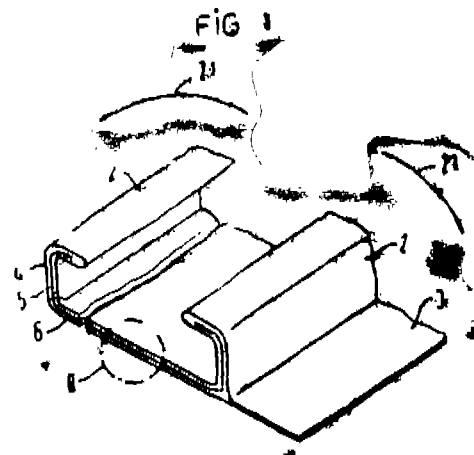
### 34 Claims

A heat-shrinkable envelope having at least one stretchable and shrinkable component in the form of a planar layer, a reinforcing component and a cover layer joined to the shrinkable component with the reinforcing component therebetween, the improvement comprising:

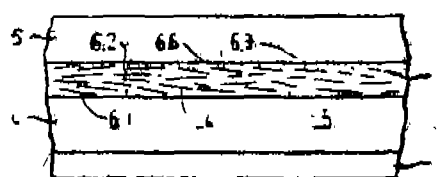
said reinforcing component comprising a randomly disposed openpore arrangement of fibers, the longitudinal axis of which are in planes essentially parallel to said planar layer, said arrangement being one which imparts isotropic characteristics of stretchability and heat-shrinkability to said reinforcing component and said parallel arrangement being a characteristic of the envelope in the heat-shrunk state,

said fibers of said reinforcing component disposed in arbitrary direction before and after motion events caused by stretching and shrinking of said shrinkable component and having longitudinal axis extending substantially parallel to said planar layer; and

fixing means for bonding the fibers of said reinforcing component to said shrinkable component and to said cover layer before stretching of said shrinkable component and for causing said fibers to remain bonded to said shrinkable component and to said cover layer as said shrinkable component shrinks.



(Fig. 2)



(Compl. Specn. 20 pages;

Draws. 2 sheets)

Cl.: 39 E

175826

Int. Cl.<sup>4</sup>: B 01 J 21/02, 21/06, 23/00, 23/02 23/20.**A PROCESS FOR PRODUCTION OF A CATALYST FOR THE OXIDATION OF SULFUR DIOXIDE.**

Applicant: DEGUSSA AKTIENGESELLSCHAFT, OF 6000 FRANKFURT AM MAIN, WEISSFRAUENSTRASSE 9, FEDERAL REPUBLIC OF GERMANY.

**Inventors:**

- (1) STEPHAN BLUMRICH.
- (2) WOLFGANG HONNEN.
- (3) BERND ENGLER.
- (4) EDGAR KOBERSTEIN.

Application No. 270/Cal/91 filed on 8th April 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

**1 Claim**

A process for the production of a catalyst for the oxidation of sulfur dioxide present in an oxygen-containing gas stream, containing the following components:

- (A1) vanadium oxide and
- (A2) alkali metal oxide and/or sulfate as catalytically active substances and
- (B) silicon and/or aluminium in the form of oxides as surface enlarging component characterized in that it also contains
- (C) titanium oxide in anatase and/or rutile form as support material and ceramic binders.

and in that it is in the form of a full type catalyst, optionally in monolith or honeycomb form comprising mixing components (A) to (C) in finely sintered form with atomic ratios between the metals of components (A1): (A2): (B): (C) of (0.01-0.2): (0.01-0.2): (0.001-0.5): 1 and preferably (0.02-0.08): (0.02-0.08): (0.005-0.05): 1, wherein said components in finely divided form are intensively processed with the additives typically used for the press-molding or extrusion of ceramic compositions, including moistening agents, support materials, green-body binders, molding aids and, optionally, pore-forming agents, to form a homogenous paste, the paste is press-molded or extruded to the desired green bodies, preferably the green monoliths or honeycombs, the green bodies are dried with a slow increase in temperature to at most 60°C in ambient air of controlled moisture content, subsequently calcined with a step-by-step increase in the temperature of the ambient air to at least 500°C and at most 800°C and are sintered at that temperature for at least 12 hours, preferably for 14 to 48 hours and more preferably for 18 to 36 hours.

(Compl. Specn. 17 pages;

Drgns. 5 sheets)

Cl.: 157 D 6 C.

175827

Int. Cl.<sup>4</sup>: E 01 B 9/00.**RESILIENT RAIL FASTENING SYSTEM.****Applicants & Inventors:**

- (1) ALBERT EDWARD REX, OF INSTITUTE ROAD, MONTACUTE, SOUTH AUSTRALIA 5134, AUSTRALIA, AND
- (2) ROBERT JOHN REX, OF TULLAMORE MONTACUTE, SOUTH AUSTRALIA 5134, AUSTRALIA.

Application No. 625/Cal/1992; filed on 31st August 1992.

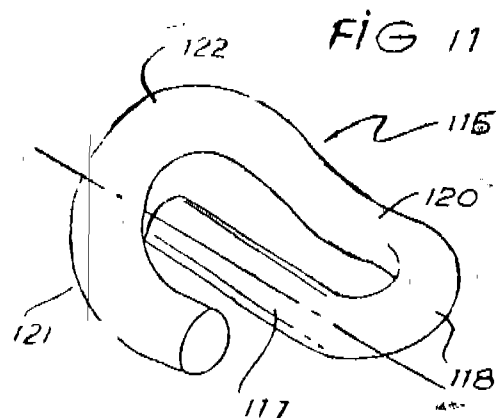
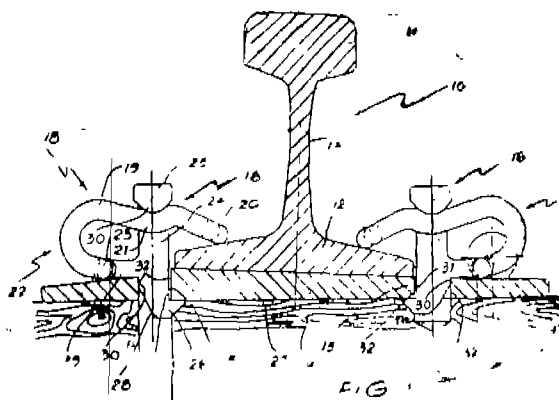
(Convention No. PJ1627; filed on 24-11-88; in Australia).

(Divided out of No. 454/Cal/89; dated 14-6-89).

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

**7 Claims**

A resilient rail fastening system for retaining rails in position comprising a base plate defining an aperture for a stud insert to be passed therethrough, and a resilient clip for securing a rail having a head to the base plate, said insert having an elongated shank to extend below the base plate, an upper end to engage said clip and to retain said clip in a compressed state to bias said rail to engagement with said base plate, and a lower end to be positioned and engaged below the base plate.



(Compl. Specn. 7 pages;

6 sheets)

Cl.: 139 C + 40 H.

175828

Int. Cl.<sup>4</sup>: B 01 D 53/00, C 01 B 7/01.**PROCESS FOR SEPARATING AND RECOVERING CHLORINE FROM GASEOUS MIXTURE.**

Applicant: MITSUI TOATSU CHEMICALS, INCORPORATED OF 2-5, KASUMIGAS EKI 3-CHOME, CHIYODA-KU, TOKYO, JAPAN.

**Inventors:**

- (1) ...
- (2) ...
- (3) ...
- (4) ... KENAKA.
- (5) ... NOBU AJIOKA.
- (6) MITSUO KUDOH.

Application No. 29/Cal/1993; filed on 18th January 1993.

(Divided out of No. 114/Cal/89; antedated to 08-02-1989).

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

## 2 Claims

A process for the recovery of chlorine from a gaseous mixture comprising chlorine gas and carbon dioxide gas, which comprises feeding to said mixture an aqueous solution or suspension containing an alkali metal sulfite and/or an alkaline earth metal sulfite, and washing the gaseous mixture with said solution or suspension while controlling the pH of the solution or suspension within a range of 1.9—6.3, whereby chlorine is solely recovered in a known manner from the gaseous mixture.

apl. Specn. 51 pages;

Drgns. 4 sheet(s)

83 A 1.

175829

Int. Cl.: A 23 L 1/00, 1/42.

PROCESS OF PREPARING FAT COMPOSITION SUITABLE FOR USE IN NUTRITIONALLY COMPLETE INFANT FORMULA.

Applicant: AMERICAN HOME PRODUCTS CORPORATION, OF FIVE GIRAI DA FARMS, MADISON, NEW JERSEY 07940; UNITED STATES OF AMERICA.

Inventors:

(1) ERIC LOUIS LIEN, AND

(2) RUDOLPH MICHAEL TOMARELLI.

Application No. 58/Cal/1993; filed on 01st February 1993.

(Divided out of No. 880/Cal/89; dated 26-11-1991).

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

## 13 Claims

A process for preparing a corandomised fat composition particularly for use in a nutritionally complete infant formula, in which a corandomisation product derived from

- one or more lauric acid oils selected from coconut oil, palm oil and palm kernel oil and
- one or more palmitic acid oils selected from oleo oil, palm oil, and palm olein oil, and, if desired,
- one or more oleic acid oils selected from olive oil, safflower olein oil, sunflower oleic oil, and canola oil, and
- one or more linoleic acid oils selected from corn oil, cottonseed oil, safflower oil, soybean oil, and sunflower oil,

is blended with (c) one or more oleic acid oils selected from olive oil, safflower oleic oil, sunflower oleic oil, and canola oil, and (d) one or more linoleic acid oils selected from corn oil, cottonseed oil, safflower oil, soybean oil, and sunflower oil, wherein the corandomisation product and the proportions in which the oils are blended, the fat composition comprises,

- 18-30%, calculated on the weight of the fat composition, of said lauric acid oils;
- 20-40%, calculated on the weight of the fat composition, of said palmitic acid oils;
- 13-34%, calculated on the weight of the fat composition, of oleic acid oils and
- 12-27%, calculated on the weight of the fat composition, of said linoleic acid oils,

the amounts of said oils being such that the said fat composition contains, per 100 parts by weight of the total fatty acids present as triglycerides,

- 9-20 parts of lauric acid;
- 10-25 parts of palmitic acid;
- 2-10 parts of stearic acid;
- 24-45 parts of oleic acid; and
- 11-28 parts of linoleic acid.

(Compl. Specn. 22 pages;

Drgns. Nil)

Cl.: 73, 74, 119 B

175830

Int. Cl.: D 03 D 13/00, 15/00, 15/12.

HEAT RESISTANT DURABLE WOVEN FABRIC.

Applicant: E.I. DU PONT DE NEMOURS AND COMPANY, OF WILMINGTON, DELAWARE, UNITED STATES OF AMERICA.

Inventor: JAMES RALPH GREEN.

Application No. 123/Cal/93 filed on 26th February 1993.

(Divided out of No. 658/Cal/89 antedated to 11-8-89).

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

## 7 Claims

A heat resistant durable woven fabric comprising 3-25% nylon staple fibers, 30-89% cotton and 8-50% heat resistant fibers which have a Heat Resistance Time of at least 0.018 sec./g./m<sup>2</sup> and a Limiting Oxygen Index of at least 25, the warp yarn of such fabric being the yarn of an intimate blend of staple fiber comprising 5-20% nylon staple fibers, 15-50% of heat resistant fibers which have a Heat Resistance Time of at least 0.013 sec./g./m<sup>2</sup> and a Limiting Oxygen Index of at least 25 and at least 30% of cotton fibers.

(Compl. Specn. 14 pages;

Drgns. Nil)

## RENEWAL FEES PAID

156920 158823 159007 160246 160484 160490 160491 160704  
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164463 164634 164635 164714 164715 164831 166194 166530  
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157238 157244 157254 157260 157264 157268 157302 157338  
157356 163872 165750 168579 170061 172091.

**OPPOSITION PROCEEDINGS UNDER SECTION 25**

An opposition entered by Martin Engineering Company, U.S.A. to the grant of a Patent on Application No. 167790 (206/Cal/88) made by Teknovation Engineers Pvt. Ltd. Cal. as notified in the Gazette of India, Part III, Section 2 dated 6th July 1991 has been dismissed and the application has been ordered to be sealed.

An opposition entered by M/s Gillette Company to the grant of a patent application No. 160884 (761/Del/83) has been dismissed and the application has been ordered to be sealed.

An opposition entered by Mr. Jimmy Sorab Cantenwalia and M/s. Sunbird Seals & Plastics Pvt. Ltd., Bombay to the grant of a Patent on Patent Application No. 166978 (354/BOM/1987) made by Mr. Ranjeet Singh Jaswal, Bombay as notified in the Gazette of India Part III, Section 2 dated 2-3-1991 has succeeded as the applicant abandoned his application.

**PATENT SEALED ON 17-08-95**

170178 171342 174319 174689 174717\* 174795 174800  
174801 174802\* 174808.

CAL-05, DEL-05, BOM-NIL, MAS-NIL.

\*Patent shall be deemed to be endorsed with the words LICENCE OF RIGHT Under Section 87 of the Patents Act, 1970 from the date of expiration of three years from the date of sealing.

D—Drug Patent, F—Food Patent.

**REGISTRATION OF DESIGNS**

The following designs have been registered. They are not open to inspection for period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entries is the date of the registration included in the entries.

Class 1. No. 168642, Commercial Brains Limited, incorporated in Guernsey, Channel Island, of Church Road, St. Sampsons, Guernsey, Channel Island. "A SUPPORT BRACKET", 20th July 1994 (Reciprocity Date).

Class 1. No. 168446, Finsler GmbH, of Im Werth, 55743 Idar-Oberstein, Federal Republic of Germany, a German Company, "A COOKING VESSEL" 1st December 1994.

Class 1. No. 168775, Sieger Engineers, having office at No. 1 Mallikrishnama Naidu Street, Peelamedu, Coimbatore 4, Tamilnadu, India, a sole proprietary concern of G. Radhakrishnan, "ACID TREATMENT PLANT FOR SPINNING COTS", 1st March 1995.

Class 1. No. 168464, Italik Metalware Pvt. Ltd. "KLIK", Sadar, Nutan Saurashtra Press Rd., P.O. Box No. 333, Rajkot 360001, Gujarat, India, "HANDLE", 6th December 1994.

Class 3. No. 168273, OSRAM GmbH, Hellabrunner Str. 1, 81543 Munchen, Germany, "COMPACT FLUORESCENT LAMP", 18th October 1994.

Class 3. No. 168729, Sudarsan Varadaraj, of India House, Trichy Rd., Coimbatore 641018, Tamilnadu, India, "TYRE", 2nd February 1995.

Class 3. No. 168529, AT&T Corp., of 32 Avenue of the Americas, New York, NY 10013-2412, U.S.A., "A DEVICE FOR PROVIDING A GRAPHICAL CONTROL INTERFACE", 23rd December 1994.

Class 3. No. 168808, Rama Krishna Moulders, 5211, Kolhapur House, Kolhapur Road, Delhi 7, India, a proprietary concern, "TIFFIN BOX", 15th February 1995.

Class 3. No. 168535, DeeJay Enterprise, 307, Hammer-smith Industrial Estate, Off: sitladevi Temple Road, Mahim, Bombay 16, Maharashtra, India an Indian partnership firm, "BATHMAT", 26th December 1994.

Class 3. No. 168603, OSRAM GMBH, Hellabrunner Str. 1, 81543 Munchen, Germany, "FLASHLIGHT", 9th January 1995.

Class 4. No. 168985, Super Shine, a proprietorship firm, having its principal place of business at 19, S.N. Rd., Firozabad 283203, U.P., India, "LIGHT FITTING", 31st March 1995.

R. A. ACHARYA

Controller General of Patent, Design & Trade Marks

प्रबन्धक, भारत सरकार प्रकाशन, फरीदबाद द्वारा प्रकाशित  
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